

ABSTRACT OF THE DISCLOSURE

An output stage suitable for low voltage operation and capable of providing an essentially symmetrical rail-to-rail output voltage including a first field effect device having a first drain, a first gate, and a first source coupled to a power supply V_{CC} . The output stage
5 further includes a second field effect device complimentary to the first field effect device, having a second drain, a second gate, and a second source coupled to a power supply having a nominal voltage of V_{EE} . Further, the second drain is coupled to the first drain. Further, the output stage is an output sink network coupled to the second field effect device. The output
10 sink network drives the second field effect device such that a current is produced in the first field effect device and a current in the second field effect device is essentially equal to a predetermined constant during operation of the output stage.